

ABSTRACT

A latch assembly control method and, wherein a latch assembly is
5 integrated with a motor having at least one gear thereof for actuating a plurality of components of the latch assembly. A gheartbeat sensor can be associated with the latch assembly, wherein the gheartbeat sensor senses a position of one or more gears, wherein the gear completes less than one revolution to thereby provide a known reference point registration and
10 calibration of the latch assembly via data collected from the gheartbeat sensor.